FORM PTO-1390 (REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

## TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 129424

U.S. APPLICATION NO. (If known, see 37 CER 1.5)

•		ESIGNATED/ELECTED OF ONCERNING A FILING UN	•	C.S. A. C. F. C. F. C. S. C. F. C. S. C. F. C. S. C. S. C. S. C. F. C. S. C. S. C. F. C. S. C. S							
		TIONAL APPLICATION NO. 005/014147	INTERNATIONAL FILING DATE July 27, 2005	PRIORITY DATE CLAIMED August 4, 2004							
		NVENTION L SYSTEM FOR HYDROGEN ADI	DITION INTERNAL COMBUSTIC	ON ENGINE							
APPL Yasu		T(S) FOR DO/EO/US TO									
Appli	cant l	herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1.	$\boxtimes$	This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.									
2.		This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.									
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4.		The US has been elected (Article 31).									
<b>5</b> .	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
		a. 🛛 is attached hereto (required	only if not communicated by the In	ternational Bureau).							
		b.  has been communicated by the International Bureau.									
		c. $\square$ is not required, as the applic	ation was filed in the United States	Receiving Office (RO/US).							
6.	$\boxtimes$	An English language translation of	the International Application as file	d (35 U.S.C. 371(c)(2))							
		a.  is attached hereto.									
		b.  has been previously submitt	ed under 35 U.S.C. 154(d)(4).								
		c. 🛛 The International Application	n was filed in English.								
7.		Amendments to the claims of the Ir	ternational Application under PCT	Article 19 (35 U.S.C. 371(c)(3))							
17		a.   are attached hereto (require	d only if not communicated by the	International Bureau).							
		b.  have been communicated by	y the International Bureau.								
242		c.  have not been made; however	er, the time limit for making such a	mendments has NOT expired.							
		d.  have not been made and will	I not be made.								
8.		An English language translation of	the amendments to the claims und	er PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
Items	s 11 t	o 20 below concern document(s)	or information included:								
11.	$\boxtimes$	An Information Disclosure Stateme	nt under 37 CFR 1.97 and 1.98.								
12.	$\boxtimes$	An assignment document for record	ding. A separate cover sheet in co	mpliance with 37 CFR 3.28 and 3.31 is included.							
13.	$\boxtimes$	A preliminary amendment.	•								
14.	$\boxtimes$	An Application Data Sheet under 37 CFR 1.76.									
15.		A substitute specification.									
16.	$\boxtimes$	A power of attorney and/or change of address letter.									
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.									
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).									
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).									
20.	$\boxtimes$	The International Search Report is	attached to the Information Disclos	sure Statement.	انگ						
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## JAP9/Rec'd PCT/PTQ 18 SEP ZUUD!

U.S. ABPLICATIONALO (ICHIONA SA) 37 C.F.R.	1.5) INTERNATIONAL A PCT/JP2005/01		ATTORNEY'S DOCKET NUMBER						
21.   The following fees are subm			CALCULATIONS	PTO USE ONLY					
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BASIC NATIONAL FEE (37 CFR 1.49 SEARCH FEE (37 CFR 1.492(b)(1)-(3		\$ 300.00	\$300.00 \$400.00						
SEARCH FEE (37 CFR 1.492(b)(1)-(3	))):		\$400.00						
International preliminary examination the USPTO as IPEA or ISA and favor industrial applicability for all claims prenational phase									
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA \$ 100.00									
International search report provided to USPTO no later than the time at which the search fee is paid\$ 400.00									
All situations not provided for above		\$ 500.00							
EXAMINATION FEE (37 CFR 1.492(c		· · · · · · · · · · · · · · · · · · ·	\$200.00						
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase									
All situations not provided for above									
Surcharge of \$130.00 for furnishing the declaration after the date of commence			<b>\$</b>						
APPLICATION SIZE FEE	÷ 50 = †	x 250 =	\$	-					
Total pages 17 - 100 =	+ 50   - 1	^ 250 -	Ψ						
†round up to next integer  CLAIMS NUMBER	R FILED NUMBER EX	TRA RATE	\$						
TOTAL CLAIMS 4 -		x 50.00 =	\$						
INDEPENDENT CLAIMS 2 -		x 200.00 =	\$	·····					
MULTIPLE DEPENDENT CLAIM(S)(if	applicable)	+ 360.00 =	\$						
		OVE CALCULATIONS =	\$900.00						
Applicant claims small entity statureduced by ½.	is. See 37 CFR 1.27. The	e fees indicated above are	\$						
reduced by 72.		SUBTOTAL =	\$900.00						
Processing fee of \$130.00 for furnishing the earliest claimed priority date (37 C	ng the English translation		\$						
the earliest claimed priority date (37 C		OTAL NATIONAL FEE =	\$900.00						
Fee for recording the enclosed assign	ment (37 CFR 1.21(h)). T	he assignment must be	\$						
accompanied by an appropriate cover		). \$40.00 per property + AL FEES ENCLOSED =	\$900.00						
	101	AL FEES ENGLOSED -	Amount to be						
			refunded:	\$					
			charged:	\$					
_		r the above fees is enclosed amount of \$ to cover		plicate copy of this					
c.   The Commissioner is here		ny additional fees which may	be required, or credi	t any overpayment to					
Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: When I	. Il	Pharmakhan		D 4 407(-)					
NOTE: Where an appropriate time must be filed and granted			tion to revive (37 CF	R 1.137(a) or (b))					
SEND ALL CORRESPONDENCE TO:									
OLIFF & BERRIDGE, PLC									
Customer Number: 25944 NAME: James A Oliff REGISTRATION NUMBER: 27,075									
Date September 18, 2006		NAME: Scott		25					
		REGISTRATIC	ON NUMBER: 44,3	<b>2</b> 5					

## IAP9/Rec'd PCT/PTO 18 SEP 2006

U.S. APPLICATION NO. (if known, see 37 C	.F.R. 1.5)	INTERNATIONAL APPLICA PCT/JP2005/014147	TION NO.	ATTORNEY'S DOCKET NUMBER 129424					
21. A The following fees are su	ıbmitted:	PC1/3P2003/01414/		CALCULATIONS PTO USE ONLY					
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BASIC NATIONAL FEE (37 CFR	1.492(a)):		\$ 300 00	\$300.00					
SEARCH FEE (37 CFR 1.492(b)(1	1)-(3)):			\$400.00	- · · · · · · · · · · · · · · · · · · ·				
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the USPTO as IPEA or ISA and fa	o, and								
industrial applicability for all claims national phase	presented in	the application entering	ng the <b>\$ 0.00</b>	0000					
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International search report provide									
the search fee is paid									
All situations not provided for above	e		\$ 500.00						
EXAMINATION FEE (37 CFR 1.49	92(c)(1)-(2)):			\$200.00					
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the									
national phase									
All situations not provided for above									
Surcharge of \$130.00 for furnishing declaration after the date of comm	g the search t encement of	ee, the examination fe the national phase (37	e or the oath or CFR 1.492(h)).	<b>\$</b> 					
APPLICATION SIZE FEE	÷ 50		y 250 -	\$					
Total pages 17 - 100 =	÷ 50	_ = †	x 250 =	<b>Ф</b>					
†round up to next integer									
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INDEPENDENT CLAIMS	2 - 3	=	x 200.00 =	\$					
MULTIPLE DEPENDENT CLAIM(S		<sup>e)</sup> TOTAL OF ABOVE (	+ 360.00 =	\$ 000000	-				
☐ Applicant claims small entity s				\$900.00	- 1111				
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the earliest claimed priority date (3	7 CFR 1.492	· · · · · · · · · · · · · · · · · · ·	NATIONAL SES	<b>A</b> 222.22					
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Fee for recording the enclosed ass accompanied by an appropriate co	ver sheet (37	CFR 3.21(n)). The ass	.00 per property +	\$					
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			•	Amount to be	V				
				refunded:	\$				
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a.   Check No. 184255 in the									
b. Please charge my Deposition Sheet is enclosed.	osit Account I	No in the amou	nt of \$ to cover	the above fees. A du	plicate copy of this				
· ·	ereby authori	zed to charge any add	itional fees which may	be required, or credi	t any overpayment to				
Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card									
information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate t	ime limit und	ler 37 CFR 1.495 has	not been met, a peti	tion to revive (37 CF	R 1.137(a) or (b))				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO:									
OLIFF & BERRIDGE, PLC Customer Number: 25	- 1 01/4								
oustomer Number. 20	<b>∪</b> 1 T		NAME. Jame REGISTRATIO	S A. OMT ON NUMBER: 27,0	75				
Date September 18, 2006			NAME: Scott	M. Schulte					
		ON NUMBER: 44,325							
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